EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	(gas with (detector sensor)) and ((spectrum spectroscop$2) same (filter$3)) and (prism same filter same advantage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/12 10:57
L2	7	(gas with (detector sensor)) and (advantage same (nondispersive non-dispersive) same (prism grating))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/12 11:00
L3	30	(gas with (detector sensor)) and ((nondispersive non-dispersive) same (prism grating))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/12 11:00
L5	23	3 not (1 2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/12 11:00
S1	383	250/339.13.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/12 10:52
S2	8	("4355233" | "4423739" | "5060505" | "5246868" | "5900635" | "5908789" | "6147351" | "6555820").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 12:50
S3	4	("4553032" | "4594510" | "4800279" | "6157455").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 12:56
S4	159706	(infrared infra-red (infra adj red) ir nir fir lwir swir) and (detect$3 sens$3 measur$3 measurement) and (gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:21

S5	27791	(infrared infra-red (infra adj red) ir nir fir lwir swir) same (detect$3 sens$3 measur$3 measurement) same (gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:20
S6	45	S5 and (summing adj amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 12:58
S7	7	S5 and (summing adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:02
S8	5	S5 and (summing with microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:13
S9	15	S5 and (summing with computer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:17
S10	0	("2005/0173635").URPN.	USPAT	OR	ON	2006/03/09 13:11
S11	184816	((sum summ$3 summation combin$3 combination add$3 addition) with (signal output)) same (detector sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:36
S12	7973	(250/339.13 250/343 250/344 250/345 250/349 250/432R 250/435 250/436 250/437 356/51 356/436 356/437 356/439 702/24 73/23.2 73/25.05).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:22
S13	924	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:23

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S14	447	S13 and (gas with (detector sensor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:23
S15	115578	((sum summ$3 summation combin$3 combination add$3 addition) with (signal output)) with (detector sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:36
S16	313	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:29
S17	49	("2269674"|"2431019"|"2806144"|"2963580"|"20020011568"|"20030015019"|"3364351"|"3405268"|"3696247"|"3898462"|"3932754"|"4271124"|"4336453"|"4480191"|"4632563"|"4746218"|"4772790"|"4794255"|"4874572"|"5015099"|"5095913"|"5210702"|"5252828"|"5281816"|"5319199"|"5343043"|"5371367"|"5401967"|"5418366"|"5429805"|"5489777"|"5495893"|"5498872"|"5515859"|"5585636"|"5591975"|"5610400"|"5721430"|"5726450"|"5797682"|"6255653"|"6277081"|"6338266"|"6392234"|"6414310"|"6545278"|"6555820"|"6580934"|"6875399").PN.	US-PGPUB; USPAT	OR	ON	2006/03/09 13:56
S18	805	S15 and (gas with (detector sensor)) same (((signal output) with (weak)) or ((improv$3 improvement) with sensitivity) or ((increas$3) with (((measur$3 measurable detect$3 detectable sens$3) with (signal output energy)) or (sampl$3 with size))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:41
S19	64	S16 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:41

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S20	1339	250/343.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:07
S21	26	250/373.ccls. and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 13:57
S22	24	(250/339.1 250/339.13 250/344 250/345 356/437).ccls. and @pd>="20051018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:49
S23	102	(250/338.1 250/339.01 250/339.02 250/339.06 250/339.07 250/339.12 250/343 250/349 250/432R 250/435 250/436 356/51 356/436 356/438 356/439).ccls. and @pd>="20051018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:54
S24	35	S23 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:09
S25	21	S17 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:41
S26	55	S20 and summing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:41
S27	30	((250/339.1 250/339.13 250/344 250/345 356/437).ccls. and summing) not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:50
S28	1	"3997837".pn.	USPAT	OR	ON	2006/03/09 14:50

EAST Search History

S29	167	((250/338.1 250/339.01 250/339.02 250/339.06 250/339.07 250/339.12 250/343 250/349 250/432R 250/435 250/436 356/51 356/436 356/438 356/439).ccls. and summing) not (S26 S27)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:58
S30	29	((250/437 356/439 702/24 73/23.2 73/25.05).ccls. and summing) not (S26 S27 S29)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:57
S31	405	((plurality multiple) with (detector sensor)).clm. and (reference with (detector sensor)) and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:58
S32	157	S11 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:58
S33	150	S32 not (S26 S27 S29 S30)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 14:58
S34	23	("3904880" | "4560875" | "4914719" | "5026992" | "5047639" | "5053754" | "5055690" | "5060505" | "5060508" | "5079422" | "5103096" | "5130544" | "5332901" | "5335534" | "5418366" | "5429805" | "5444249" | "5453620" | "5468961" | "5468962" | "5542285" | "5559333" | "5600142").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 15:03
S35	2305	summing with (output signal) with (detector sensor) with (amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:45

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S36	1262	summing with (output signal) with (detector sensor) with (summing adj amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:04
S37	228	summing with (output signal) with (detector sensor) with (summing adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:45
S38	0	summing with (output signal) with (detector sensor) with (analog adj summing adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:46
S39	0	summing with (output signal) with (detector sensor) with (digital adj summing adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:46
S40	31	summing with (output signal) with (detector sensor) with (microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:05
S41	137356	gas with (detector sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:47
S42	93	S35 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:48
S43	55	S36 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:47

S44	38	S42 not S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:46
S45	13	S37 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:46
S46	2	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:47
S47	42777	gas adj2(detector sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:47
S48	38	S35 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:55
S49	21	S36 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:48
S50	3	S37 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 11:48
S51	17	S48 not S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:02

S52	114	("2269674"|"2431019"|"2806144"|"2963580"|"20020011568"|"20030015019"|"3364351"|"3405268"|"3696247"|"3898462"|"3932754"|"4271124"|"4336453"|"4480191"|"4632563"|"4746218"|"4772790"|"4794255"|"4874572"|"5015099"|"5095913"|"5210702"|"5252828"|"5281816"|"5319199"|"5343043"|"5371367"|"5401967"|"5418366"|"5429805"|"5489777"|"5495893"|"5498872"|"5515859"|"5585636"|"5591975"|"5610400"|"5721430"|"5726450"|"5797682"|"6255653"|"6277081"|"6338266"|"6392234"|"6414310"|"6545278"|"6555820"|"6580934"|"6875399").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:02
S53	2	S52 and (summing adj amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:04
S54	0	S52 and (summing adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:03
S55	0	S52 and (summing with (processor microprocessor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:03
S56	7973	(250/339.13 250/343 250/344 250/345 250/349 250/432R 250/435 250/436 250/437 356/51 356/436 356/437 356/439 702/24 73/23.2 73/25.05).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:05
S57	15	S36 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:20
S58	1	S37 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:05

S59	0	(analytical adj detector) with (summing adj amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:20
S60	2	(gas adj detector) with (summing adj amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:21
S61	1	(gas adj detector) with (summing adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:21
S62	143	(detector) with (summing adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:26
S63	22	(infrared infra-red (infra adj red) ir nir fir lwir swir) and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:26
S64	974	(detector) with (summing adj amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:26
S65	148	(infrared infra-red (infra adj red) ir nir fir lwir swir) and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:31
S66	20	(detector) with (summing with microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:31

S67	3	(infrared infra-red (infra adj red) ir nir fir lwir swir) and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 12:27
S68	95	(gas adj detector) and (interference adj filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 13:03
S69	181	(gas with (calorific adj value)) same (gas with (concentration))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 13:04
S70	56	(gas with (detect$3 sens$3)) and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 13:04